ZKTeco®

ZKSoftware | ZKAccess | ZKiVision | ZKBiolock

The Leading Provider
of Security and Time
Management Solutions

www.zkteco.com

ZKTeco is a leading global developer of security and time management solutions. It is subdivided into 5 distinct business divisions which are known as: ZKSoftware, ZKAccess, ZKiVision and ZKBiolock. Each ZKTeco division has a dedicated team of professionals to serve worldwide customers and partners. At our state of the art 50,000 square meters ISO9001-certified R&D/Trial and Manufacturing centre, we control product design, manufacturing, component assembly and logistics/shipping -- all under one roof.

ZKTeco employs over 2000 people at its headquarters. And ZK has built an international sales and service network, including branch offices/subsidiaries in Europe, USA, Brazil, South Africa, Dubai, Indonesia, etc. as well as partners, distributors, dealers in over 200 countries. The global network further enhances our ability to provide local product/logistic support and service to our customers efficiently.

ZKTeco has sold over 8.5 million units and serves customers in over 200 countries. Currently ZKTeco controls 80% market share in China and 40% worldwide market share and growing. It has been awarded 85 patents and earned a reputation for technical innovation, high quality, reliability and speed-to-market. These are just a few reasons why OEM, ODM, software developers, integrators, dealers and end users turn to ZK.

ZKTeco Europe
Camino de lo Cortao, 10
28703 S.S. de los Reyes
Madrid. Spain
Phone
+34 916 532 891
E-mail
sales@zktechnology.eu
Web
www.zktechnology.eu

Company Business

Time & Attendance

From an office with five employees, to a large manufacturer with 50,000, every organization has to track the work-time of its employees, control access to certain areas and quickly identify staff or materials. Because every industry is different, ZKSoftware offers a large selection of Time & Attendance solutions to manage such tasks.

Access Control

Restricting access to sensitive areas by controlling key access points is important to organizations. ZK Readers help companies maintain security through efficient and reliable Access Control. Using card and fingerprint ZK Readers, firms can authorize which staff can open which doors on specific days or times.

Border Security

ZKAFIS provides large-scale fingerprint matching solutions and safer, faster, accurate and convenient security services, which can be used in border inspection and make online matching more accurate and improve homeland security.

Hotel Check-in

A simple flash of an ID card, or touch of the finger, enables guests at major hotels and resorts to access and secure rooms and facilities using our Readers.

Airport Security

ZK Readers protect passengers, aircraft and cargo at airports worldwide by restricting access to secure areas. Only authorized staff can gain entry via face, fingerprint and/or flash card identification.

Crowd Control & Management

At large events, crowd control and management is a major challenge.Our products are integrated with applications that read and register the tickets of concertgoers, permit only authorized staff to enter secure areas and much more.

Locker Control

At fitness clubs, airports and storage facilities, ZK Readers work with industry applications to secure access to lockers and protect valuables, while also affording easy access for locker owners.

Time and Attendance Management Solution

ZKSoftware devotes to developing advanced Multi-biometric and RFID time attendance products and solutions. It provides a full range of solutions including a wide selection of finger-print, RFID and/or face identification time clocks, portable time clocks, time and attendance management software, etc. It can meet the demands of any type of company, regardless of its size.

Face Recognition Terminals

VF380

3 Inch Touch Screen T&A Terminal

- Card capacity: 10.000
- Face capacity: 200 (Standard)/1200 (Optional) (1:N)
- Record Capacity: 100.000
- Relay for Access Control including timezones and groups
- Infra-red optical system enables user-identification in poorly lit environments
- Functions: ID Card, Automatic Status Switch, Workcode, T9 Input, 9 Digit User ID, Photo ID, DST, Self-Service Query, Short Message, Third Party Electric Lock, Door Sensor, Exit Button
- Options: Mifare, WIFI,

iFace401 / 402

Multi-biometric T&A Terminal

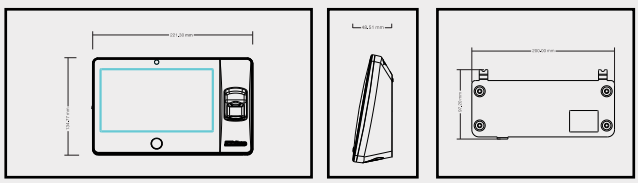
- 4.3 inch Touch Screen, Touch Keypad
- Face capacity: 500
- Fingerprint capacity: 3,000 (iFace402)
- ID card capacity: 10,000
- Record capacity: 100,000
- Attendance Features: SMS, Workcode, DST, Scheduled bell, etc.
- Communication: TCP/IP, USB Host, RS232/485, Wiegand Out, Access Control interface for 3rd party Electric Lock, Door Sensor, Exit Button
- Options: Mifare card, Wi-Fi, GPRS

Fingerprint Time and Attendance Terminal

Biopad100 / Biopad100 WinCE

7 Inch Touch Screen T&A Terminal

- Card capacity: 10000
- Fingerprint templates: 6000
- Record Capacity: 300000
- Standard built-in Wi-Fi (Biopad100 Linux)
- Built-in 300,000 pixels camera
- Functions: SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, etc.
- Options: ID/Mifare/HID, 14 digit user ID, ADMS, Backup battery, SD card



3.5 inch TFT T&A Series

- Fingerprint capacity: 8,000
- Record capacity: 200,000
- Communication: TCP/IP, USB Host, RS232/485 (iClock660)
- Attendance Features: SMS, Workcode, DST, Scheduled bell, Photo ID (iClock660) etc.
- Options: ID card, Mifare card, Wi-Fi (iClock660)

iClock560

iClock660

3.5 inch TFT T&A and Access Control Series

iClock680

- Fingerprint capacity: 8,000
- Record capacity: 200,000
- Attendance Features: SMS, Workcode, DST, Scheduled bell, Photo-ID etc
- Communication: TCP/IP, RS232/485, USB Host, Wiegand In&Out, and Access Control Interface for Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell, Anti-passback
- Options: ID card, Mifare card,Wi-Fi, GPRS

iClock700

- Fingerprint capacity: 8,000
- Record capacity: 200,000
- Attendance Features: SMS, Workcode, DST, Scheduled bell, Photo-ID etc
- Communication: TCP/IP, RS232/485, USB Host, Wiegand In&Out, and Access Control Interface for Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell, Anti-passback
- Internal Battery
- Fingerprint cover
- Options: ID card, Mifare card,Wi-Fi, GPRS

3 inch TFT T&A Series

U260-C

- Fingerprint capacity: 3,000
- Record capacity: 100,000
- Communication: TCP/IP, RS232/485
- Attendance Features: SMS, Workcode, DST, Scheduled bell, etc.
- Options: ID card, Mifare card

IN01-A

- Fingerprint capacity: 3,000
- Record capacity: 100,000
- Communication: TCP/IP, RS232/485, Wiegand In&Out
- Attendance Features: SMS, Workcode, DST, Scheduled bell, etc.
- Built-in battery backup provides approx. 4 hours continuous operation
- Options: ID card, Mifare card
- Optional built-in wireless Wi-Fi or GPRS for wireless communication

RFID Time and Attendance Terminals

3.5 inch TFT T&A Series

S880

- 3.5 inches TFT
- High resolution camera(S880)
- ID Card Capacity: 10,000
- Record capacity: 50,000
- Attendance Features: SMS, Workcode, DST, Scheduled bell, Photo-ID etc.
- Communication: TCP/IP, USB Host, RS232/485, Access Control Interface for Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell, Anti-passback
- Options: Mifare card, Wi-Fi, GPRS

S560

- 3.5 inches TFT
- ID Card Capacity: 10.000
- Record capacity: 50.000
- Attendance Features: SMS, Workcode, DST, Scheduled bell, etc.
- Communication: TCP/IP, USB Host
- Options: Mifare card

3 inch TFT T&A Series

S260-C

- ID card capacity: 10.000
- Record capacity: 100.000
- Communication: TCP/IP, RS232/485
- Attendance Features: SMS, Workcode, DST, Scheduled bell, etc.
- Options: Mifare card

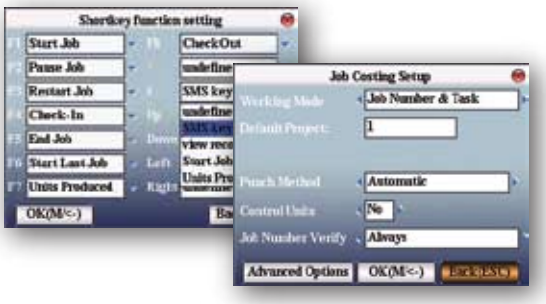
Project Management Solution

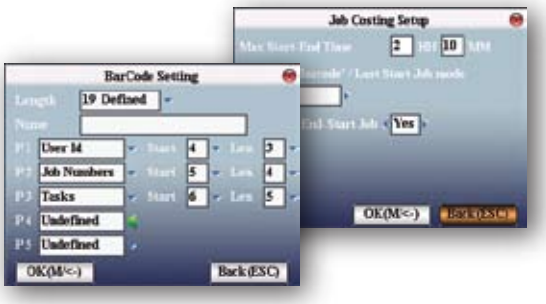
Job Costing Firmware

Job Costing firmware is a solution to handle project management, job numbers and tasks that employees perform within the company, keeping track of time and costs associated with each job. The application, which is available in multi-language, comes together with the SDK for data capture and integration with other applications.

The system allows the users identification by PIN, proximity card, fingerprint and barcode. In addition to job cost management, it includes the option of Check-In / Check-Out for T&A control.

Different lengths can be set in the bar codes to associate with employees, job numbers and tasks.





Job Costing Terminals

iClock S680JC / 900JC

- 3.5 inch TFT
- ID Card Capacity: 10.000
- FP templates Capacity: 8.000 (iClock900)
- Record capacity: 50,000
- Attendance Features: SMS, Workcode, DST, Scheduled bell, Photo-ID etc.
- Communication: TCP/IP, USB Host, RS232/485, Access Control Interface for Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell, Anti-passback
- Options: ID card, Mifare card, Wi-Fi, GPRS

Time and Attendance Software Solution

ZK provides total software solutions to meet different requirements, including PC- based and Web-based software.

ZKTime Enterprise EU

ZKTime Enterprise is an advanced T&A application for ZKTeco terminals that allows to manage all In/Out attendance and access records, controlling all kind of attendance events.
(breakfast, lunch, medical, personal business, smoke etc..), accrued balance and payroll methods. It works matching and processing punches automatically after downloading from terminals, warning about odd number punches or days in a special case, facilitating and speeding up the work of attendance management.
For accrued balance, it allows to define the balance concepts and mathematical operations for each attendance event received.
With respect to payroll, It has the ability to divide the hours worked according to different concepts (normal, extra, night, bank holiday, etc..) and carrying an economic assessment of the same.
Therefore, it includes an access control module, where you can define different access time slots and days for each employee.
It can operate together with Atalaya-2, ZKTeco's web staff portal.

Data and Access
Works with MySQL, MS SQL and Oracle. Allows multi-company and multi-user.

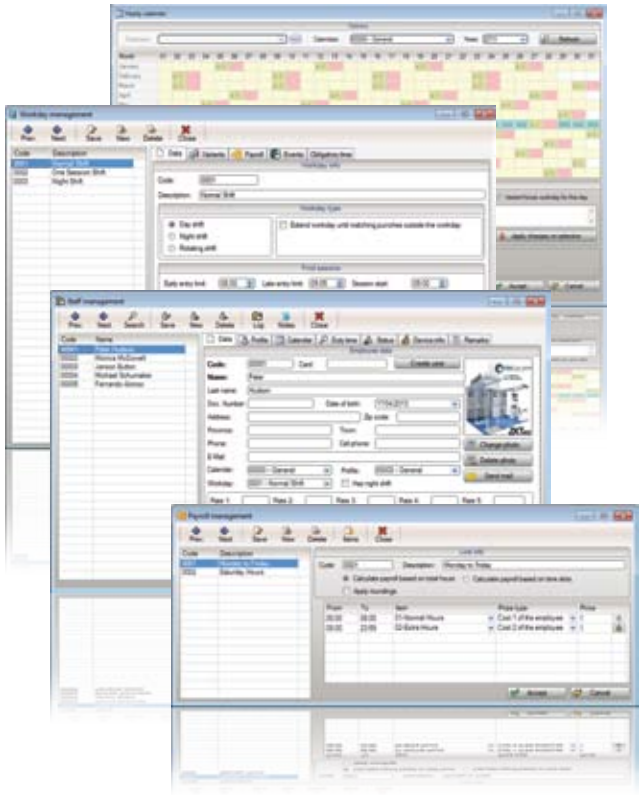
Staff
Includes private calendar and profile (round hours, interruptions, payroll, etc..) as well as flexible work timetables. It can store fingerprints and faces of employees for recognition in biometric terminals. Imports employees from CSV.

Work Shifts / Timetables
Supports both diurnal, nightly, rotating and flexible shifts. Allows evaluations of payroll per shift, mandatory attendance times, periods of validity of events and support for workdays over 24 hours. It is possible create estimated or fixed shift schedules.

Calendars
Public calendars can be defined and then customized for each employee. Supports days with hourly variations or events (vacation, leave, travel, etc.).

Payroll
Allows you to define the preferred payroll method, whether per number of hours in one day, or established time frames. Manages different payroll concepts such us regular hours, overtime, extra holidays, and so on. Payroll can compensate according to a predetermined amount of time or employee duty time.

Accrued balance
For each attendance event received, even work event, it allows to define multiple accrued balance types setting the different operations (add/deduct time, increase/decrease times, etc…) hereby controlling the total accrued balance, and setting the permitted value limits.



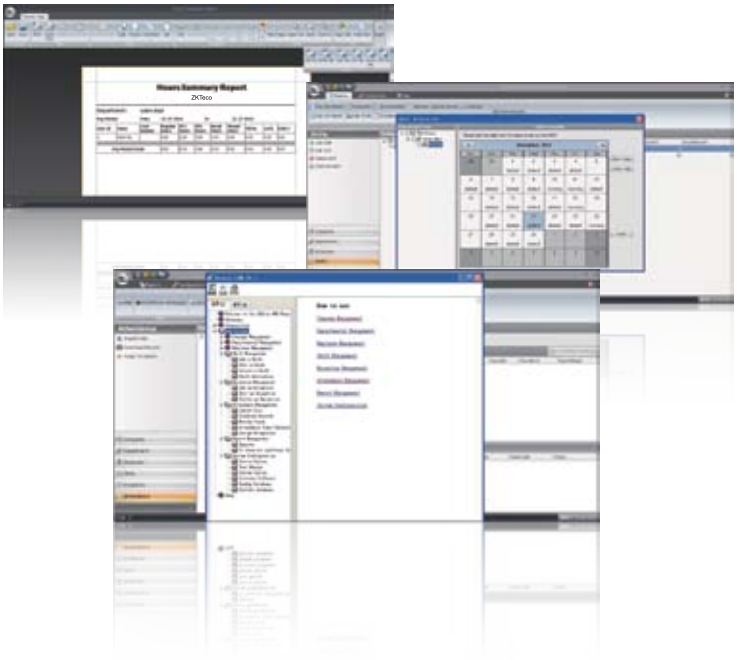
ATALAYA2 Module. Web Staff Portal for ZKTime Enterprise EU

Atalaya 2 is a web application through which employees or office administrators can view and print punches, credit hours, payroll, etc. It allows one to make individual requests of changes to your calendar, punches, vacation, personal data, etc... All this can be managed through the web browser, which is directly connected to ZKTime Enterprise EU, whereby there is no need to install any other software application in the user's PC.

ZKTime.net

ZKTime.Net is a PC-based time & attendance software application which has a very user-friendly interface. With ZKTime.net users can easily create work-shifts and produce dozens of timely reports. An online comprehensive Help file is available to answer all your questions.

With ZKTime.Net your employee-time reports will be created faster and error-free.



Access Control Management Solution

ZKAccess is a division of ZKTeco, which engages in access control products and solutions. The product line includes IP-based standalone access control, network access control panel, readers, guard control and accessories. We provide a one-stop R&D and manufacturing service for business partner.

IP-based Standalone Access Control Terminals

Finger Vein Identification Terminal

FV200

- 3” TFT Touch Screen Display
- Finger Vein Capacity: 2000
- Log Capacity: 100000
- Communication: TCP/IP, RS232/485, USB Host
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

Multi-Biometric Identification Terminal

MultiBio700

- Communication: TCP/IP, RS485, RS232, USB-host
- Face Capacity: 500
- Fingerprint Capacity: 2000
- Log Capacity: 100000
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell

Fingerprint and RFID Weatherproof Terminals

MA500

- Metal Casing with IP65 Waterproof
- Fingerprint Capacity: 3000
- Card Capacity: 30000
- Log Capacity: 100000
- Communication: TCP/IP, RS485
- Wiegand Input and Output
- Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

MA300

- Metal Casing with IP65 Waterproof
- Fingerprint Capacity: 1500
- Card Capacity: 10000
- Log Capacity: 100000
- Communication: TCP/IP, RS485,USB-host
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

TF1700

- IP65 Waterproof
- OLED Screen
- Fingerprint Capacity: 3000
- Card Capacity: 10000
- Log Capacity: 30000
- Communication: TCP/IP, RS485, USB-host
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

LA9000

- IP65 Waterproof
- Applicable to work in low temperature that range from - 40? to 45?
- Fingerprint Capacity: 3000
- Card Capacity: 30000
- Communication: TCP/IP, RS485
- Wiegand Input and Output
- Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

Fingerprint Identification Terminals

F8-T

- Fingerprint Capacity: 2200
- Log Capacity: 50000
- Communication: TCP/IP, RS485, RS232, USB-host
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

F18

- 2.4 inches TFT Color Screen
- Fingerprint Capacity: 3000
- Log Capacity: 30000
- Communication: TCP/IP, RS485, RS232, USB-host
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

F9

- Fingerprint Capacity: 2200
- Log Capacity: 50000
- Communication: TCP/IP, RS485, RS232, USB-host
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

* Some of our Access Control Terminals can work with the wiegand relay mini-controller, which provides an additional security to your system.

LA2000-Venus /LA2000-Mercury

- Fingerprint Capacity: 2200/8000
- Log Capacity: 30000/200000
- Communication: TCP/IP, RS485, RS232, USB-host
- Wiegand Input and Output
- Lumidigm Venus Sensor/Lumidigm Mercury Sensor
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

RFID Identification Terminals

SC Series

- Card Capacity: 30000
- Log Capacity: 50000
- Communication: TCP/IP, RS485, RS232, USB-host
- Wiegand Input and Output
- Professional Time Attendance Function including SMS, Workcode, DST, Scheduled Bell, Photo-ID etc.
- Access Control interface for 3rd party Electric Lock, Door Sensor, Exit Button, alarm, Door Bell

SCR100

- Card Capacity: 30000
- Log Capacity: 50000
- Communication: TCP/IP, RS485, RS232, USB-host
- Wiegand Input and Output
- Access Control interface for 3rd party Electric Lock, Door Sensor, Exit Button, alarm, Door Bell

SC700

- 3” TFT Touch Screen Display
- Card Capacity: 30000
- Log Capacity: 100000
- Communication: TCP/IP, USB-host
- Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

Guard Tour Patrol System

A guard tour patrol system is a system for logging the rounds of employees in a variety of situations such as security guards patrolling property, technicians monitoring climate-controlled environments, and correctional officers checking prisoner living areas. It helps ensure that the employee makes his or her appointed rounds at the correct intervals and can offer a virtually indisputable record for legal or insurance reasons.

GP100

- Fingerprint Capacity: 500
- Fingerprint Algorithm Version: ZKFinger 10.0
- Standard with ID card reader, optional Mifare card reader
- Card Capacity: 1000
- Log Capacity: 30000
- Communication: USB Client

Access Control Panel

Key Features:

Internal Biometric Identification:
InBIO matches fingerprints on the panels. The FR Series readers transmit fingerprint templates to inBIO via RS485 for fast and accurate matching with templates stored in the database. Wiegand inputs are also provided for traditional RFID readers.

Door Control and More:
Along with relay contacts for controlling door locks, easily programmable auxiliary relays can be used for additional control and interface to lights, alarms, intrusion detection panels, or even extra locking devices or gate controllers.

Communicaiton:
The controllers can be easily installed on your network and support both TCP/IP and RS-485 communication. Auto-discovery tool allows setting and modification of network parameters directly and easily.

Options:
Three different sizes of controllers can suit various project needs and reduce the cost of unnecessary capacity. 1-door, 2-door, and 4-door models can be mixed and matched in optimized system architecture.

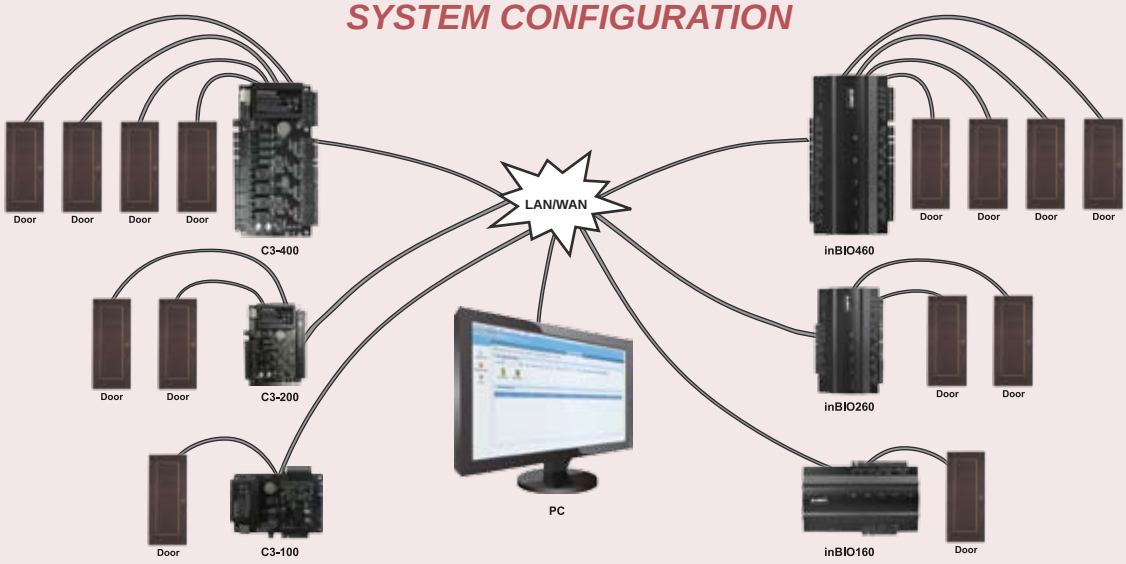
Capacity:
The system supports up to 3000 fingerprint templates, 30,000 badge users and stores up to 100,000 events and transactions. Data is preserved if there is power outage. Controller can continue operating if network connection is interrupted.

Built-in Advanced Access Control Functions:
Anti-passback, First-Card opening, Multi-Card opening, Duress Password Entry, and Auxiliary input/output linkages are built into controller firmware.

Lowest Total Cost:
The controller firmware can be upgraded in the field. New controller features can be loaded to extend and expand your investment value without any advanced tools.

For Software Developers:
Free SDK is available for integrators and OEMs to integrate the controller with their or existing security or personnel management applications. Upon request, ZK can customize firmware to meet any customer requirements.

SYSTEM CONFIGURATION



Networked Access Controller

	C3-100	C3-200	C3-400
Card Capacity:	30000	30000	30000
Event Capacity:	100000	100000	100000
Communication:	TCP/IP, RS485	TCP/IP, RS485	TCP/IP, RS485
Wiegand Input:	2ea	4ea	4ea
Aux.output:	1ea	2ea	4ea
Aux.input:	none	2ea	4ea

Biometric Networked Access Controller

	inBIO160	inBIO260	inBIO460
Card Capacity:	30000	30000	30000
Fingerprint Capacity:	3000	3000	3000
Event Capacity:	100000	100000	100000
Communication:	TCP/IP, RS485	TCP/IP, RS485	TCP/IP, RS485
Wiegand Input:	2ea	4ea	4ea
Aux.output:	1ea	2ea	4ea
Aux.input:	1ea	2ea	4ea
Aux:	RS485 for Fingerprint Reader	RS485 for Fingerprint Reader	RS485 for Fingerprint Reader

Application

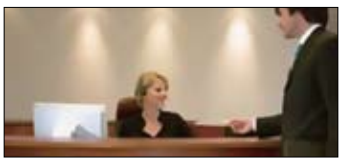
Real-time Monitoring

Vehicle Access

Elevator Control

Surveillance Linkage

Time & Attendance



Visitor Management

Elevator Controller

EC10

Elevator control and more

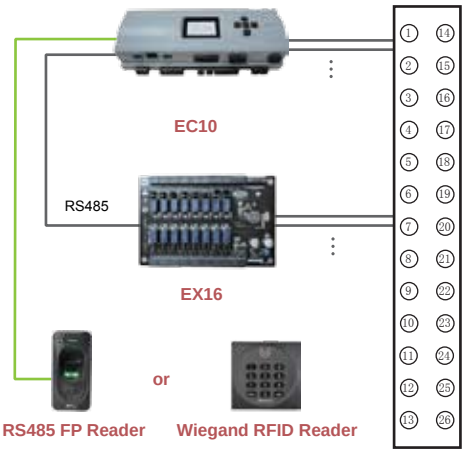
Model Number	EC10
Number of Floors	10 Floors
Number of readers supported	1 reader
Type of readers supported	Wiegand reader and RS485 FP reader
Card holder Capacity	30000
Fingerprint Capacity	3000
Log Event Capacity	100000
Communication	TCP/IP and RS485
CPU	32bit 400MHz
RAM	32M
Flash Memory	128M
Power	9.6V-14.4V DC
Operating Temp	0℃- 45℃
Operating Humidity	20% to 80%

EX16

Extension Board to control 16 floors

Elevator controller EC10 controlling 10 floors elevator keypad, extension relay board EX16 can connect with the master controller to control another 16 floors.

Elevator Control System



Accessories

Fingerprint Readers

FR1200

- IP65 Water Proof
- Fingerprint Identification
- Read 125K Proximity Card
- Communication to Master Controller: RS485

RFID Wiegand Readers

- Water-proof
- 125KHz Proximity (E) /13.56MHz Mifare (M) and LEGIC (EL) Card Reader
- 26bit/34bit Wiegand Out
- Extend LED/Buzzer Control

KR100E/M

KR101E/M

KR102E/M

KR200E/M

KR201E/M

KR202E/M

KR300

KR500E/M

KR501E/M/EL

KR502E/M/EL

KR503E/M

KR600E/M

KR601E/M

KR602E/M

KR1000

- Water-proof
- 125KHz Proximity Card Reader
- 90-120cm Read Range
- Buzzer Control
- 26bit Wiegand Out

Locks

Magentic Locks

Electric Bolts

Electric Strikes

Exit Buttons

K1-1

K1-2

ZKABK-802

USB Readers

ZK4500

CR10E/M

ZK8500

RFID cards & tags

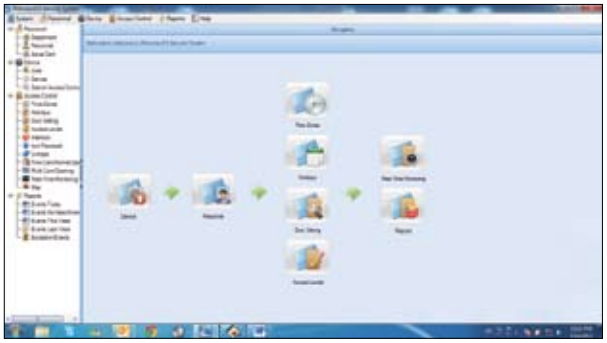
Sensor and Siren

UPS Batteries & Power Supply

Software

ZKAccess 3.5

IP access control management software for SME



ZKAccess 5.2

Integrated access control management software

Note: The 2013 version of FV200, TF1700, F18, F8, F702-S, MA500, MA300, LA9000, SC700, SC103 and SC503 are compatible with ZKAccess 3.5 and ZKAccess 5.2

Software Information:

		ZKAccess 3.5	ZKAccess 5.2
System	License	Free	Yes
	System Architecture	Server/Client	Server/Browser
	DB	Access, MSSQL	MySQL, MS SQL
	Max. Device	20	1024
Access Control	Time Zone	255	255
	Access Level	No limitation	No limitation
	Anti-pass back	Yes	Yes
	Visual Map	Yes	Yes
	Event monitoring	Yes	Yes
	Linkage	Yes	Yes
	Interlock	Yes	Yes
	Multi-card opening	Yes	Yes
	First-card opening	Yes	Yes
	Passage Mode	Yes	Yes
	Video integration	N/A	Yes
	Visitor Management	N/A	Yes
	Elevator Control	N/A	Yes
Time & Attendance	Work time calculation	Yes	N/A
	Shift Management	Weekly	N/A
	Holiday/Leave Management	Yes	N/A
	Report	Yes	N/A
	In/Out board	Yes	N/A

ZKiVision

The leading provider of intelligent surveillance & security products and solutions

Established in 2010, ZKiVision is an IP based Video Surveillance solution division of ZKTeco which focuses on providing competitive, feature rich security products like IP cameras, NVRs, Face identification and integrated with access control system.

Why ZKiVision ?

- Completed Network Video Surveillance Product Lines
- Video-based Face Identification Solutions
- Video Surveillance & Access Control System Integration Solutions

IP Camera Product Line

IR Weatherproof Bullet

ZKIR3

- Video Compression: H.264
- Highest Resolution: Megapixel (1280*720)
- Image Sensor: 1/3.2”CMOS
- Lens: 4 or 12mm fixed lens
- IR Distance: 15 or 30m
- Sensitivity: 0.1Lux or 0Lux（IR on）
- Protection Rating: IP66
- Storage: Up to 32 GB TF Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485controller, Reset
- Optional Function: POE, Wi-Fi,WDR
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

Standard Box

ZKIP3

- Video Compression: H.264
- Highest Resolution: Megapixel (1280*720)
- Image Sensor: 1/3.2”CMOS
- Sensitivity: 0.1Lux/F1.2
- Storage: Up to 32 GB SD Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485controller, Reset
- Optional Function: POE, Wi-Fi,WDR
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

IR Vandal-proof Dome

ZKMD3

- Video Compression: H.264
- Highest Resolution: Megapixel (1280*720)
- Image Sensor: 1/3.2”CMOS
- Lens: 4~9mm
- IR Distance: 10~15m
- Sensitivity: 0.1Lux or 0Lux（IR on）
- Protection Rating: IP66
- Storage: Up to 32 GB TF Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485controller, Reset
- Optional Function: POE, Wi-Fi,WDR
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

Mini Dome

ZKMD4

- Video Compression: H.264
- Highest Resolution: Megapixel (1280*720)
- Image Sensor: 1/3.2”CMOS
- Lens: 3.6mm / 6.0mm fixed lens
- Sensitivity: 0.1Lux/F1.2
- Storage: Up to 32 GB TF Card local storage
- Standard Function: Remote surveillance, TF card storage, Reset
- Optional Function: POE, Wi-Fi, WDR
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

6-inch High Speed Dome

ZKSD3

- Video Compression: H.264
- Highest Resolution: 480TVL
- Image Sensor: 1/4”SONY CCD
- Sensitivity: 0.1Lux
- Zoom: 18X Optical, 12X Digital
- Horizontal Speed: 0.1°~ 250°/S
- Vertical Speed: 0.1°~ 100°/S
- Tilt Movement: 0°~ 92°tilt
- Storage: Up to 32 GB SD Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485 controller, Reset
- Optional Function: Wi-Fi

4.5-inch High Speed Dome

ZKSD4

- Super low Illumination
- 650TVL high resolution
- English OSD menu is optional
- High speed 360 degree continuous pan
- Optional Function: POE, Wi-Fi

Indoor Outdoor

Cube

ZKIP4

- Video Compression: H.264
- Highest Resolution: Megapixel (1280*720)
- Image Sensor: 1/3.2" CMOS
- Lens: 6 mm fixed lens
- IR: Embedded Array IR LED
- WDR: >100db
- Sensitivity: 0.05 Lux/F1.2 at mini.
- Storage: Up to 32 GB TF card local storage
- Standard Function: Built-in microphone and loudspeaker, two-way voice intercom
- Optional function: POE, Wi-Fi
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

Network Video Recorder

4 Channels NVR

ZK-NV0401

- 4-ch IP video input and 720P video record 25fps real-time
- With VGA and CVBS
- Support playback while record in one channel
- H.264 compression
- Support multi DDNS (Oray, 3322, dyndns)
- Support using mouse to conveniently control the PTZ
- With 1 SATA, support TB hard disk
- Support audio talkback

8 Channels NVR

ZK-NV0802

- 8-ch IP video input and 720P video record 25fps real-time
- With HDMI, SPOT, VGA and CVBS
- Support playback while record in 2 channels
- H.264 compression
- Support multi DDNS (Oray, 3322, dyndns)
- Support using mouse to conveniently control the PTZ
- With 2 SATAs, support TB hard disk
- Support audio talkback

Analog Camera Product Line

Day & Night IR Camera with Face Detection

ZK-SIR283F

- HD image restoration, optical frequency multiplication wide dynamic
- Digital slow shutter, light inhibition, light compensation for face detection, face list, face detection
- Digitally getting clear picture from the fog environment
- 3D/2D Noise Reduction (HDNR)
- Color scroll suppression, automatic backlight compensation, intelligent IR exposure
- 256 times digital zoom, face dynamic zoom
- RS-485 remote control, multi-layered translucent menu
- Multi-layered automatic functions (auto exposure, auto-gain, auto white balance, auto iris control, auto focus detection)
- Image quality settings (brightness, contrast, saturation, sharpness, hue)

Day & Night 20M IR Waterproof Camera

ZK-SIR212/SIR222

- Super low illumination color CCD，420TVL
- 30 built-in Φ5mm IR lamps and better night vision effect
- Night vision projection distance of 30m
- 3.6mm and 6mm lens optional
- Auto backlight compensation
- Waterproof metal body, IP66-rated

Day & Night 20M IR Dome Camera

ZK-SMD212/SMD222/SMD282

- 420TVL / 700TVL(SMD282)
- Super low illumination color CCD
- 24 built-in Φ5mm IR lamps
- Night vision projection distance of 20m
- 3.6mm lens as default and 6mm lens optional
- OSD menu support, external OSD menu control line
- Light inhibition, 2D noise reduction, privacy masking
- Unique and easy installation without dismantling the base
- Waterproof metal body

Day & Night 30M IR Waterproof Camera

ZK-SIR223/SIR283/SIR293

- 420TVL(SIR223)/700TVL(SIR283)/600TVL(SIR293)
- Super low illumination color CCD
- 30M IR distance
- Night vision projection distance of 30m
- Auto and manual backlight compensation
- 6mm fixed lens as default (4mm and 8mm lens optional)
- OSD menu support, external OSD menu control line
- Light inhibition, 2D noise reduction, privacy masking
- Waterproof metal body, IP66-rated

Day & Night 50M IR Waterproof Camera

ZK-SIR225/SIR285/SIR295

- 420TVL(SIR225)/700TVL(SIR285)/600TVL(SIR295)
- Super low illumination color CCD
- 50M IR distance
- Night vision projection distance of 50m
- Auto and manual backlight compensation
- 8mm fixed lens as default (6mm and 12mm lens optional)
- OSD menu support, external OSD menu control line
- Light inhibition, 2D noise reduction, privacy masking
- Waterproof metal body, IP66-rated

Day & Night 80M IR Waterproof Camera

ZK-SIR228/SIR288/SIR298

- 420TVL(SIR228)/700TVL(SIR288)/600TVL(SIR298)
- Super low illumination color CCD
- 80M IR distance
- Night vision projection distance of 80m
- Auto and manual backlight compensation
- 12mm fixed lens as default 16mm lens optional)
- OSD menu support, external OSD menu control line
- Light inhibition, 2D noise reduction, privacy masking
- Waterproof metal body, IP66-rated

4.5-inch High Speed Dome

ZK-SSD420

- Super low Illumination
- 650TVL high resolution
- English OSD menu is optional
- High speed 360 degree continuous pan
- IP66 rating

4.5-inch High Speed Dome

ZK-SSD422

- Super low Illumination
- 650TVL high resolution
- English OSD menu is optional
- High speed 360 degree continuous pan

6-inch High Speed Dome

ZK-SSD320/SSD330

- Super low Illumination
- 650TVL high resolution
- English OSD menu is optional
- High speed 360 degree continuous pan
- IP66 rating

9-inch High Speed Dome

ZK-SSD328/338

- Super low Illumination
- 650TVL high resolution
- English OSD menu is optional
- High speed 360 degree continuous pan
- IP66 rating

Digital Video Recorder

4 Channels DVR

ZK-DV0401

- 4-ch video input
- With VGA and CVBS
- Support playback while record in 4 channels
- H.264 compression
- Support multi DDNS(Oray,3322,dyndns)
- With 1 SATA, support TB hard disk
- Support using mouse to conveniently control the PTZ

8 Channels DVR

ZK-DV0801

- 8-ch video input
- With VGA and CVBS
- Support playback while record in 8 channels
- H.264 compression
- Support multi DDNS (Oray, 3322, dyndns)
- With 1 SATA, support TB hard disk
- Support using mouse to conveniently control the PTZ

16 Channels DVR

ZK-DV1602

- 16-ch video input
- With VGA and CVBS
- Support playback while record in 4 channels
- H.264 compression
- Support multi DDNS (Oray, 3322, dyndns)
- Support using mouse to conveniently control the PTZ
- With 2 SATAs, support TB hard disk

Face Capture and Recognition --- ZKiVision v4.2

ZKiVsion v.4.2 software integrates the face identification algorithm v9.0 with ZKIP Camera perfectly, which can realize the function of detecting, capturing and identifying 8 faces simultaneously per second. It can register the user by capturing his face automatically in real-time video surveillance and face identification, simple time and attendance management, access control linkage, alarm output and electronic map. It is ideal for securing public locations such as enterprise and public institutions, government, customs, airport, luxury residence district, large factory and kindergarten.

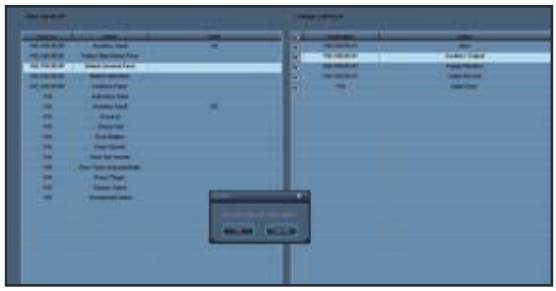
ZKiVision 4.2 Software Interface

Real-time faces: "Real-time faces" is going to store all the faces detected after face identification function is started in the IPC. It will display the latest faces and store 5000 pieces faces at max. If exceeded, faces will be overlapped. If stop face identification function, "Real-time faces" storage will also stop.

Blacklisted User: It can avoid unnecessary loss with this function. Users can blacklist a person who is suspected to be non-grata in the software. The system will alarm when the blacklisted user appears next time.

Initiative Register: Captures 16 faces of multi-angle with voice prompt.

Linkage Alarm: Users can make linkage alarm setting after connecting cameras with access control devices. There are various kinds of input signal to trigger linkage actions such as to use detected general face to open door..



Face Searching: "Face searching" function is to allow users to search faces from all recording videos. In the sub-menu of "Event search", all faces in the recording videos that day will be searched out precisely by default. Users can choose precise search or quick search, also can realize filter search based on time, IPC, alarms, users, etc.

Face Event: Face event function is to allow users to record and save log with face function enabled. Users can click access to the related video when the log shows in red color.

Application

Special channel for customs to identify smuggler

Patients' family identification for ICU in the hospital

Family identification for kinder garden

Criminal investigation

ATM criminal investigation

VIP reception window

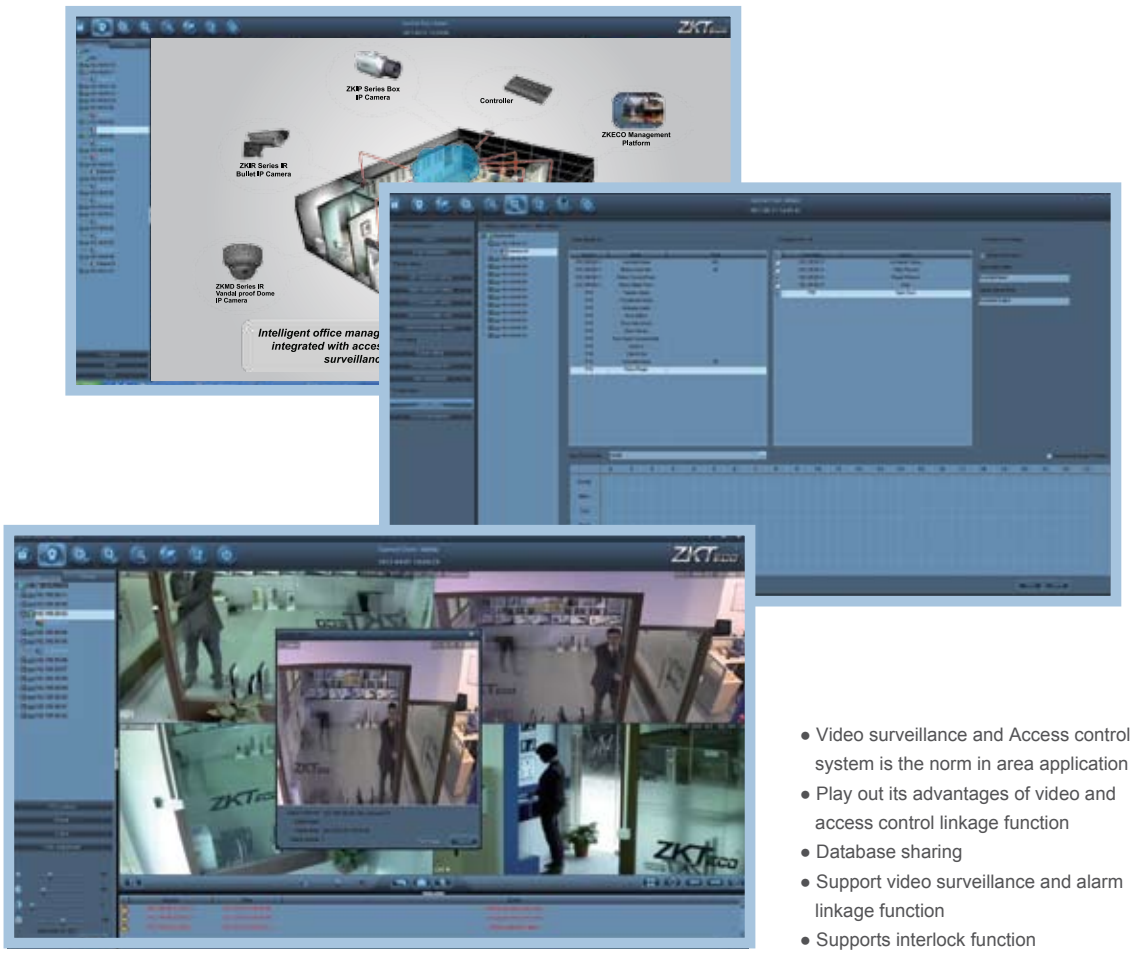
Simple time and attendance management for small company

Vault Access Control

Video Surveillance & Access Control System Integration Solutions

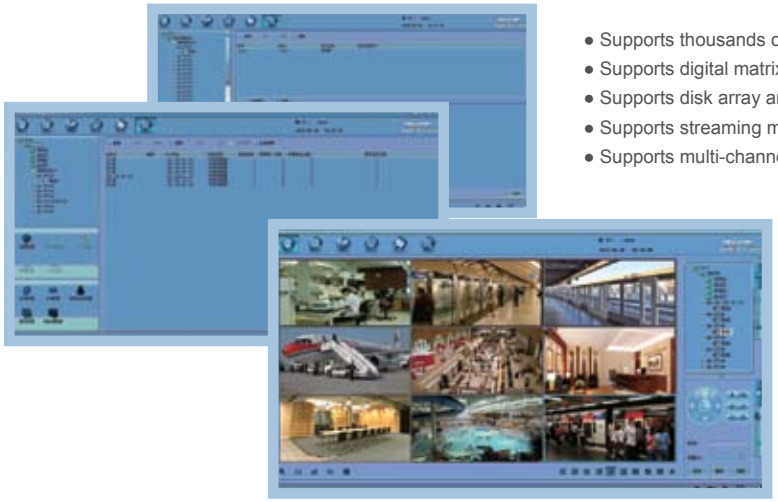
ZKiVision V3.1 Introduction

Different to other traditional surveillance system which only has simple alarms linkage and trigger activities, ZKiVision client software integrates access control system with video surveillance system perfectly. Under the system operation range, access control devices and cameras work mutually and share data with each other. This makes the alarms linkage, notifications and data query more precise and intelligent



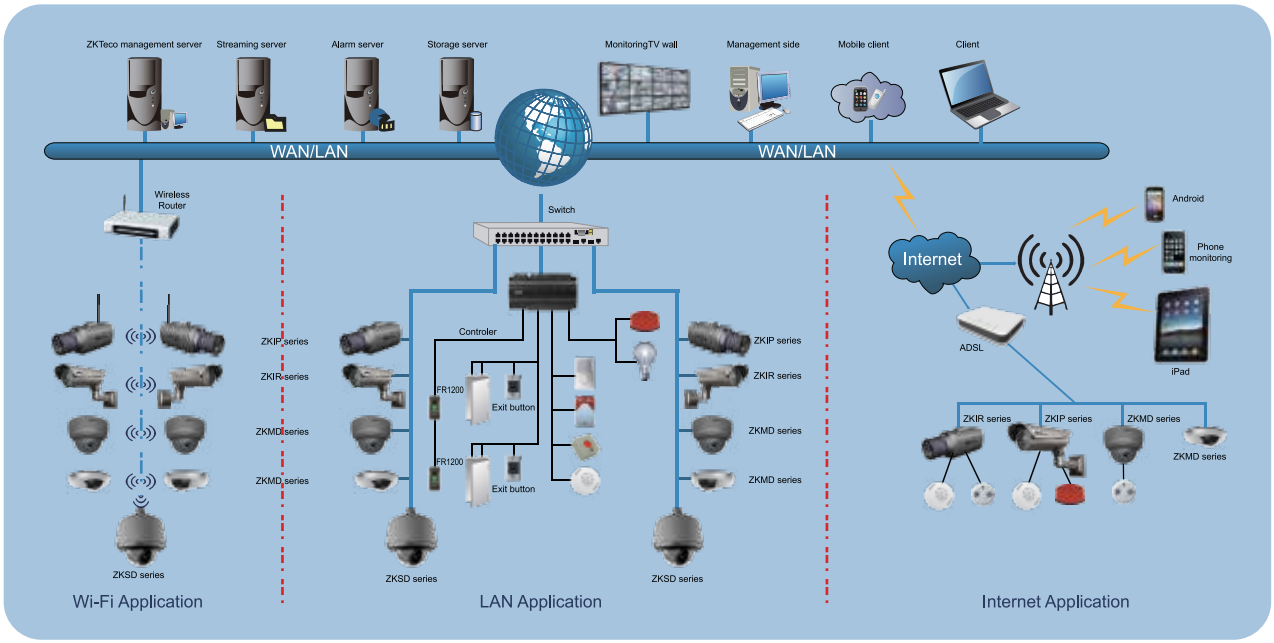
- Video surveillance and Access control system is the norm in area application
- Play out its advantages of video and access control linkage function
- Database sharing
- Support video surveillance and alarm linkage function
- Supports interlock function

CMS (Central Management System)



- Supports thousands of channel video surveillance management
- Supports digital matrix
- Supports disk array and internet storage
- Supports streaming media forwarding
- Supports multi-channel alarm management

Security System Linkage:



ZKiVision Mobile Monitoring App

ZKiVision enables you to realize remote and real-time surveillance at any time and anywhere from your mobile devices.

Operation System Version Requirement

Support Android 2.1 version and above

Support IOS 3.2 version and above

Support Blackberry 5.0 version and above

ZKBioLock—Intelligent Lock Product Line

ZK started to manufacture fingerprint locks in 2005. In May 2011, an international brand was created which consists of high-tech consumer products including intelligent door lock, hotel lock, fingerprint door lock, and face recognition lock.

Fingerprint Door Lock

L4000/L5000

Features:

- Streamlined design, chrome plating
- Zinc Alloy integrated structure, strong and endurable
- OLED display, multi-languages, user-friendly operation
- Access Control function. User information could be enrolled in software and upload into locks by USB disk
- Individual mechanical locking system
- Optional front panel, Black, White, Blue, Pink, Grey, Red

Specification:	
Material	Zinc Alloy
Front Panel Colors	Black/Blue/White/Polishing
Display	OLED
Fingerprint templates	500
Password	100
Record capacity	30,000
Communication	USB flash disk
Power input	4 x 1.5V AA Battery
Backup Unlock Mechanism	Emergency battery & Mechanical key
Options	ID Card , Mifare Card

L7000/L7000-U

Features:

- Zinc Alloy integrated structure, rugged and beauty, refined and elegant
- U.S standard single-latch mortise, optional German standard mortise
- DIY design, with reversible handle
- Detachable handle, hidden mechanical key slot
- Access Control function. User information could be enrolled in software and upload into locks by USB disk

Specification:	
Material	Zinc Alloy
Display	OLED
Fingerprint templates	500
Password	100
Record capacity	30,000
Communication	USB flash disk（L7000-U only）
Power input	4 x 1.5V AA Battery
Backup Unlock Mechanism	Emergency battery & Mechanical key

LH4000/LH5000

● **Elegant design.** European style demonstrate the grade and outstanding identity.
● **Composite structure.** Durable, No loosing, No deformation, strong.
● **Cylinder.** International Standards for interchangeable cylinder.
● **Data signal lines.** Adoption of international standard computer cable, ensure the data transmission more efficient, stable and safe.
● **Reliability.** There won't be a mistake in 1000 consecutive entries.
● **Extension functions.** It integrates with all-purpose card system software, hotel management system for consumers to achieve all-purpose card functions.

LH4000

LH5000

HL100/HL200

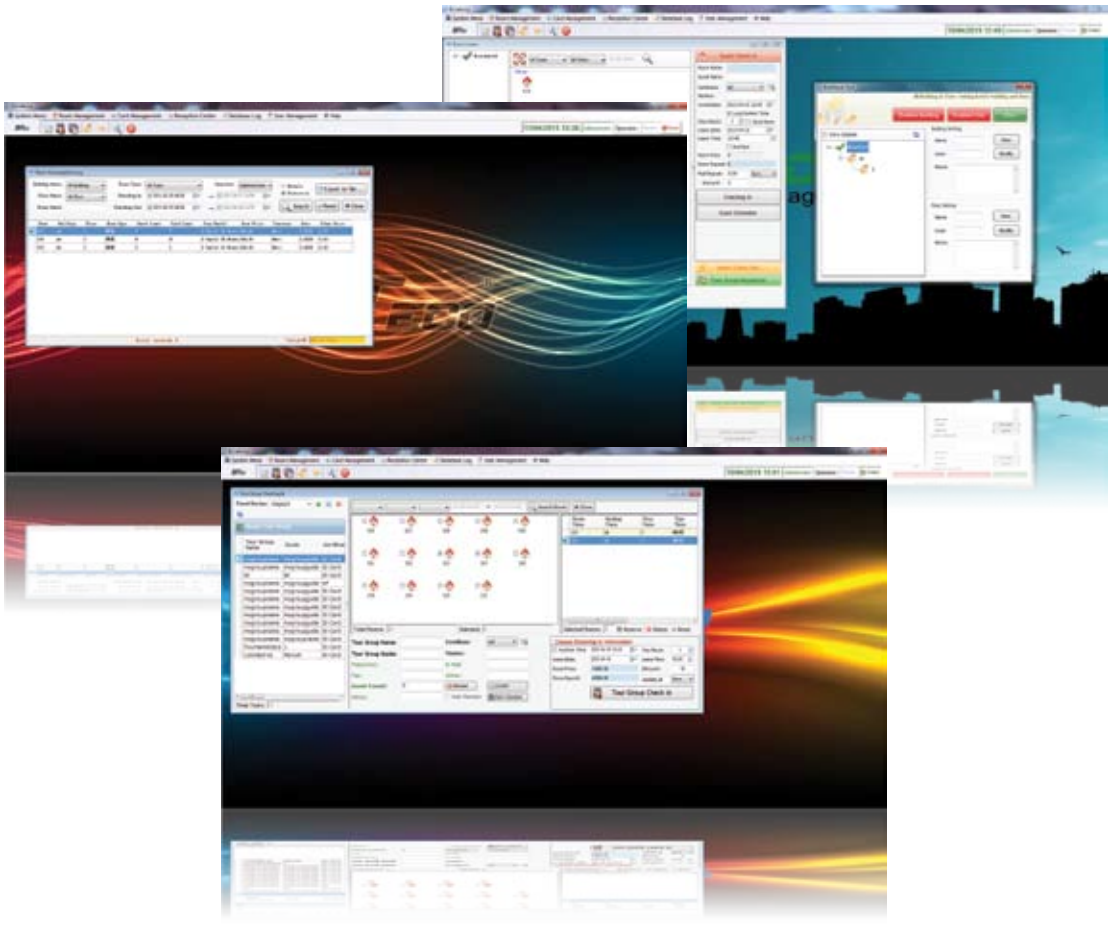
● Illuminated keypad entry
● Fingerprint templates: 100, Password: 100
● Zinc Alloy, compact in size
● Verification methods: fingerprint, PIN or key
● Warning when the door is not secured
● Emergency power interface

Software

BioSafeLock 1.0

BioSafeLock is a PC-based software application which has a new elegant and stylish interface. With BioSafeLock users can easily manage and configure hosts and rooms reservations, besides Travel agencies management. The system allows the easy query of charges and services associated to each room and customer.

- **MySQL** and **SQL Server** supported
- Alerts and Alarms of exceeded time
- Different privileges levels associated to RFID Cards
- E-Map gives an extra possibility to manage the installation through a simple and visual graphic environment



* Product still under Development

Data Collection Terminals

Portable RFID & Fingerprint Android Terminal

P-200 is a portable terminal, the first of ZKTeco's new Android Series product range, being launched to market throughout 2013. Robustly designed, with integrated fingerprint and RFID technology, allowing Wifi, 3G and GPS communication, this terminal focuses not only on Time & Attendance management in dynamic environments, but also, with Android OS, it offers the possibility of developing different applications in a variety of vertical market sectors.

P200

- 4.3 inch capacitive touch screen
- Android 2.3.7/4.0
- PX618 coreboard
- Algorithm version: ZKFinger 10.0
- Power specifications: DC 5.5V / 2A
- Comunications: Built-in Wifi.
- Internal battery with charger
- ID card
- Optional features: 3G(WCDMA), Ethernet, GPS, Mifare

Vertical Market Applications

- Time & Attendance
- Restaurant and hotel ordering
- Conference management
- VIP Identification
- Logistical applications
- Inventory & warehouse management

ZKSoftware | ZKAccess | ZKiVision | ZKBiolock

ZKTeco Europe
Security and Time Management Solutions

Camino de lo Cortao 10, 28703
S.S. de los Reyes
Madrid, Spain
Tel:+34 916532891
E-mail: sales@zktechnology.eu
Web: www.zktechnology.eu

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